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21 February 1962

MEMORANDUM FOR THE RECORD

SUBJECT : Updated Cost Estimate of System X

1. An updated cost estimate of one System X is as follows:
(including back-up spare)

vlf-uhf system 50 to 1,000 mc	\$270,000
Micro-wave system	300,000
special S-band parametric system	100,000
Overseas support	70,000
Field Testing	30,000
Antenna design, testing & fabrication included additional design on 50 - 1000 mc log periodic if needed	250,000
Demultiplexer & sync generator for play back units -- 2 sets	25,000
Recorders -- 2 - AR-200, 1 - FR-600	110,000
50 - 400 mc log periodic antennas	75,000
Aircraft quieting & installation	20,000
	<u>\$1,250,000</u>

2. If it is decided not to include the X band portion of the microwave system, the reduction in cost will be \$75,000.

3. A net savings of \$22,000 may be obtained by purchasing the recorders directly and furnishing them GFE. Additional savings can be achieved if this capability is available in house.

4. The overseas support function proposed in the contract should probably be placed under our standard T. & M. service contract which is presently active.


25 YEAR RE-REVIEW

SECRET

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5. The cost of the antenna system may be reduced if there are existing antennas from other systems that are available and would fit into this operation. This is, I believe, true of the S-band antennas for the special S-band system.


Development Branch
DPD-DD/P

Distribution:
O-C/DB/DPD
1-DB/DPD

DPD/DB/SEP:rel

25X1